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.Ē/		Application Number	10/052,686			
TRANSMITTAL		Filing Date	January 18, 2002			
FORM		First Named Inventor	Garrett Andrew Smith			
(to be used for all correspondence after initial filing)		Art Unit 3682				
		Examiner Name	Julie K. Smith			
Total Number of Pages in This Submission	15	Attorney Docket Number				

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ENCLOSURES (Check all that apply)										
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CERTIFICATE OF TRANSMISSION/MAILING										
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:  April 25, 2003										
Typed or printed Garrett Andrew Smith										
Signature								Date	April 25, 2003	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Application Number: 10/052,686 Application Filed: 01/18/2002

Applicant(s):

Garrett Andrew Smith

Application Title:

Bicycle Crank Axle Bearing Assembly

Examiner/GAU:

Julie K Smith / 3682

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GROUP 3600

## AMENDMENT A

Assistant Commissioner for Patents
Washington, District of Columbia 20231

Sir:

In response to the Office Letter mailed 1/30/2003, please amend the above application as follows:

Claims: Cancel all claims of record and substitute new claims 13 to 22 as follows.

- 13. A bottom bracket assembly for a bicycle comprising a spindle that is rotatably held in an outer bracket portion with at least two cartridge bearings, each including outer and inner races, where:
  - a) the inner races of said cartridge bearings are fit onto said spindle and the outer races of said cartridge bearings are fit into said outer bracket portion;
  - b) both said inner races are fixed on said spindle in both axial directions by abutting inner and outer stop elements;
  - c) at least one of said outer races is mounted in said outer bracket portion such that it is free to move in both axial directions.